

=> d his

(FILE 'HOME' ENTERED AT 11:28:18 ON 14 NOV 2004)
SET COST OFF

L1 FILE 'REGISTRY' ENTERED AT 11:28:41 ON 14 NOV 2004
21 S DFGLDCDEHSTESRCCR.*CSGECEFVFLQYPHTLVHQQANPRGSAGPCCTPTKMSPINM
SAV L1 BEL031342/A

L2 FILE 'HCAOLD' ENTERED AT 11:31:11 ON 14 NOV 2004
0 S L1

L3 FILE 'USPATFULL, USPAT2' ENTERED AT 11:31:15 ON 14 NOV 2004
5 S L1
L4 4 S L3 NOT H01R009/ICM

L5 FILE 'HCAPLUS' ENTERED AT 11:32:17 ON 14 NOV 2004
12 S L1
L6 1 S L5 AND (HALKIER ? OR MOURITSEN ? OR KLYSNER ?)/AU
L7 1 S L1 AND (M(L)"E"(L)BIOTECH)/PA,CS
L8 8 S L5 AND (PY<=1999 OR PRY<=1999 OR AY<=1999)
L9 8 S L6-L8
L10 4 S L5 NOT L9

=> fil uspatall

FILE 'USPATFULL' ENTERED AT 11:34:14 ON 14 NOV 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 11:34:14 ON 14 NOV 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> d l4 bib abs hitrn tot

L4 ANSWER 1 OF 4 USPATFULL on STN
AN 2003:314469 USPATFULL
TI Growth differentiation factor receptors, agonists and antagonists
thereof, and methods of using same
IN Lee, Se-Jin, Baltimore, MD, United States
McPherron, Alexandra C., Baltimore, MD, United States
PA The Johns Hopkins University School of Medicine, Baltimore, MD, United
States (U.S. corporation)
PI US 6656475 B1 20031202
AI US 2000-626896 20000727 (9)
RLI Continuation-in-part of Ser. No. US 485046
PRAI US 1997-54461P 19970801 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Eyler, Yvonne; Assistant Examiner: Andres, Janet L.
LREP Gray Cary Ware & Freidenrich, LLP, Haile, Lisa A., Imbra, Richard J.
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 6570
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention provides a substantially purified growth
differentiation factor (GDF) receptor, including a GDF-8 (myostatin)
receptor, as well as functional peptide portions thereof. In addition,
the invention provides a virtual representation of a GDF receptor or a
functional peptide portion thereof. The present invention also provides
a method of modulating an effect of myostatin on a cell by contacting
the cell with an agent that affects myostatin signal transduction in the
cell. In addition, the invention provides a method of ameliorating the
severity of a pathologic condition, which is characterized, at least in

RESULT 1

Query Match	Score	DB	Length
100.0%	515	3	375

Best Local Similarity 18.03; Pred. NO. 4.4e-38;
Matches 85; Conservative 24; Mismatches 0; Indels 0; Gaps 0

[illegible]

RESULT 2

Sequence 2, Application US/09252149B
Patent No. 6369201
GENERAL INFORMATION:
APPLICANT: Barker, Christopher A.
APPLICANT: Moresey, Mohamed
TITLE OF INVENTION: IMMUNOLOGICAL METHODS TO MODULAR MYOSTATIN IN
TITLE OF INVENTION: VERTEBRATE SUBJECTS
FILE REFERENCE: 9001-0042
CURRENT APPLICATION NUMBER: US/09/252,149B
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 60/075,213
PRIOR FILING DATE: 1998-02-19
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2

```

; LENGTH: 375
; TYPE: PRT
; ORGANISM: bos taurus
US-09-252-149B-2

```

Query Match	100.0%;	Score 515;	DB 3;	Length 375;
Best Local Similarity	78.0%;	Pred. NO. 4.4e-38;		
Matches	85;	Conservative	24;	Mismatches 0;
			Indels	0;
			Gaps	0

QY	1	DFELDDEHSTSRCCRRXXXXXXXXXXXXXXXXXXXXXSCGGECEFAFLQKCPETHL	60
Db	267	DFELDDEHSTSRCCRRVYLVDFAFMDWLIAPKRRKANCSCGCECFVFLQKCPETHL	326
QY	61	VHQAANRGSAGACCTPTKMSPLNTLYFNGEGGIIYGKIPAMVYVRCGS	109
Db	327	VHQAANRGSAGACCTPTKMSPLNTLYFNGEGGIIYGKIPAMVYVRCGS	375

RESULT 3

```

: Sequence 31, Application US/09252149B
: Patent No. 6369201
: GENERAL INFORMATION:
: APPLICANT: Barker, Christopher A.
: APPLICANT: Morsey, Mohamad
: TITLE OF INVENTION: IMMUNOLOGICAL METHODS TO MODULAR MYOSTATIN IN
: TITLE OF INVENTION: VERTEBRATE SUBJECTS
: FILE REFERENCE: 9001-0042
: CURRENT APPLICATION NUMBER: US/09/252,149B
: CURRENT FILING DATE: 1999-02-18
: PRIOR APPLICATION NUMBER: 60/075,213
: PRIOR FILING DATE: 1998-02-19
: NUMBER OF SEQ ID NOS: 39
: SOFTWARE: SeqIdn Ver. 2.0
: SEQ ID NO 31
: LENGTH: 375
: TYPE: PR1
: ORGANISM: bos taurus
: US-09-252-149B-31

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Query Match	100.0%	Score 515;	DB 3;	Length 375;
Best Local Similarity	78.0%	Pred. No. 4.4e-36;		
Matches	85;	Conservative	24;	Mismatches 0;
			Indels	0;
			Gaps	0;

Qy	1	DFGIDDEDEHSTSRCCFXXXXXXXXXXXXXXXXXXXXXXXXXCGSGEDEFVLQCPPTHL	60
Db	267	DFGIDDEDEHSTSRCCRFPLVDFAFMDWITAPKRIKAYCSGCECFEVLQCPPTHL	366
Qy	61	VHQAANGSAGSCPTKSPINMLYENGEOIITXGKIPAMVYDRGCS	109
Db	327	VHQAANGSAGSCPTKSPINMLYENGEOIITXGKIPAMVYDRGCS	375

RESULTS

Sequence 21, Application US/09586344
 Patent No. 6607884
 GENERAL INFORMATION:
 APPLICANT: Lee, Se-jin
 APPLICANT: Mephiston, Alexandra C.
 TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-6
 FILE REFERENCE: 07265/144001
 CURRENT APPLICATION NUMBER: US/09/666,344
 CURRENT FILING DATE: 2000-10-10
 PRIOR APPLICATION NUMBER: 08/862,445
 PRIOR FILING DATE: 1997-05-23
 PRIOR APPLICATION NUMBER: 08/847,910
 PRIOR FILING DATE: 1997-04-28
 PRIOR APPLICATION NUMBER: 08/795,071
 PRIOR FILING DATE: 1997-02-05
 PRIOR APPLICATION NUMBER: 08/525,556
 PRIOR FILING DATE: 1995-10-26
 PRIOR APPLICATION NUMBER: PCT/US99/03019

PRIOR FILING DATE: 1994-03-18
PRIOR APPLICATION NUMBER: 08/033,923
PRIOR FILING DATE: 1993-03-19
NUMBER OF SEQ ID NOS: 51
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 21
LENGTH: 375
TYPE: PRT
ORGANISM: Bovine
US-09-686-344-21

Query Match 100.0%; Score 515; DB 4; Length 375;
Best Local Similarity 78.0%; Pred. No. 4.4e-38;
Matches 85; Conservative 24; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFGDDEHSTSRCCRCRXXXXXXXXXXXXXXXXXXCSGCEFPVLOKYPHTL 60
DB 267 DFGDDEHSTSRCCRCRPLTVDFEAFGMDWIIAPKRYKANYCSGCEFPVLOKYPHTL 326
QY 61 VHOANRGSAGPCTPTKMSPINMLYFNGSGQIIYKIPAMVYDRGCS 109
DB 327 VHOANRGSAGPCTPTKMSPINMLYFNGSGQIIYKIPAMVYDRGCS 375

RESULT 5
US-09-626-896-12
Sequence 12, Application US/09626896
Patent No. 6656475
GENERAL INFORMATION:
APPLICANT: Lee, Se-Jin
TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR RECEPTORS,
FILE REFERENCE: JHU1470-2
CURRENT APPLICATION NUMBER: US/09/626,896
PRIOR FILING DATE: 2000-07-27
PRIOR APPLICATION NUMBER: 09/485,046
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: PCT/US98/15598
PRIOR FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: 60/054,461
PRIOR FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 12
LENGTH: 375
TYPE: PRT
ORGANISM: Bovine
US-09-626-896-12

Query Match 100.0%; Score 515; DB 4; Length 375;
Best Local Similarity 78.0%; Pred. No. 4.4e-38;
Matches 85; Conservative 24; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFGDDEHSTSRCCRCRXXXXXXXXXXXXXXXXXXCSGCEFPVLOKYPHTL 60
DB 267 DFGDDEHSTSRCCRCRPLTVDFEAFGMDWIIAPKRYKANYCSGCEFPVLOKYPHTL 326
QY 61 VHOANRGSAGPCTPTKMSPINMLYFNGSGQIIYKIPAMVYDRGCS 109
DB 327 VHOANRGSAGPCTPTKMSPINMLYFNGSGQIIYKIPAMVYDRGCS 375

RESULT 6
US-09-485-046-8
Sequence 8, Application US/09485046
Patent No. 6636260
GENERAL INFORMATION:
APPLICANT: The Johns Hopkins University School of Medicine
APPLICANT: Lee, Se-Jin
APPLICANT: McPherson, Alexandra
TITLE OF INVENTION: METHODS TO IDENTIFY GROWTH DIFFERENTIATION FACTOR (GDF) RECEPTORS
FILE REFERENCE: JHU1470-1

CURRENT APPLICATION NUMBER: US/09/485,046
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: PCT/US98/15598
PRIOR FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: US 06/054,461
PRIOR FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 8
LENGTH: 375
TYPE: PRT
ORGANISM: Bovine
US-09-485-046-8

Query Match 100.0%; Score 515; DB 4; Length 375;
Best Local Similarity 78.0%; Pred. No. 4.4e-38;
Matches 85; Conservative 24; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFGDDEHSTSRCCRCRXXXXXXXXXXXXXXXXXXCSGCEFPVLOKYPHTL 60
DB 267 DFGDDEHSTSRCCRCRPLTVDFEAFGMDWIIAPKRYKANYCSGCEFPVLOKYPHTL 326
QY 61 VHOANRGSAGPCTPTKMSPINMLYFNGSGQIIYKIPAMVYDRGCS 109
DB 327 VHOANRGSAGPCTPTKMSPINMLYFNGSGQIIYKIPAMVYDRGCS 375

RESULT 7
US-08-525-596B-6
Sequence 6, Application US/08525596B
Patent No. 5827733
GENERAL INFORMATION:
APPLICANT: Huynh, Thanh
TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-8
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION NUMBER: US/08/525,596B
FILING DATE: 19-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07762
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Jr., Ph.D. John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: 07265/075001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5099
FAX: 619-678-5070

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPES: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-525-596B-6

Query Match 97.7%; Score 503; DB 2; Length 126;
Best Local Similarity 76.1%; Pred. No. 6.7e-38;